

FEEDING AND NUTRITION

Table 16. Maternal Drug Use During Lactation

Avoid During Lactation	No Effects on Infant
Alcohol	Ampicillin
Chloramphenicol	Caffeine
Cimetidine	Cephalosporins
Clindamycin	Erythromycin
Codeine	Furosemide
Diazepam	Haloperidol
Ergot	Hydralazine
Iodine	
Isoniazid	
LSD	
Marijuana	
Meperidine	
Oral contraceptives	
Paregoric	
Phenobarbital	
Propoxyphene	
Radionuclide material	
Sulfonamides	
Tetracycline	

Adapted from Roberts RJ. *Drug therapy in infants*. Philadelphia: WB Saunders, 1984.

Table 17. Commercially Available Oral Rehydration Fluids (in mEq/L)

	Na ⁺	K ⁺	Cl ⁻	Base	Glucose
Pedialyte	45	20	35	30	2.5
Lytren	50	25	45	30	2.0
Rehydralyte	75	20	65	30	2.5
WHO formula	90	20	80	30	2.0

Table 18. Composition of Infant Formulas (per 100 mL)

Name (Manufacturer)	Kcal/oz	CHO (% of cal/type)	Fat (% of cal/type)	PRO (% of cal/type)	FE (mg)	VIT D (IU)	mg Ca/mg PO ₄
Cow's Milk-based Standard Formulas							
Enfamil (Mead Johnson) with/without iron	20 ^a	44% ^a Lactose	48% Palm olein, coconut oil, soy oil, sunflower oil	8% Cow's milk	1.22/0.34	41	52/36
Similac (Ross); with/without iron	20 ^a	43% Lactose	48% Soy oil, coconut oil	9% Cow's milk	1.2/0.15	40	49/38
PM 60/75 (Ross) ^b	20	41% Lactose	50% Coconut oil, corn oil	9% Lactalbumin, casein	0.15	40	75/20
Gerber; with/without iron (Gerber)	20 ^c	43% Lactose	49% Corn oil, coconut oil	9% Cow's milk	1.21/0.11	40	50/39
Good Start (Carnation) ^b	20 ^c	44% Lactose, soy maltodextrin	46% Palm oil, safflower oil, coconut oil	10% Whey and whey protein	1.01	41	43/24
Soy-based Standard Formulas							
Isomil (Ross)	20	41% Corn syrup, sucrose	49% Coconut oil, soy oil	10% Soy protein isolate	1.2	40	70/50
Prosobee (Mead Johnson)	20	40% Corn syrup solids	48% Coconut oil, soy oil, palm oil	12% Soy protein isolate	1.3	42	63/49
Preterm Formulas							
Similac Special Care (Ross)	24 ^d	42% Lactose (50%), polycose glucose polymers (50%)	47% MCT oil (50%), soy oil (30%), coconut oil (20%)	11% Nonfat milk whey (60%), casein (75%)	1.5/0.3	122	146/81
Enfamil Premature (Mead Johnson); with/without iron	24 ^d	44% Lactose (50%), corn syrup solids	44% MCT oil (75%), soy oil (75%), coconut oil (20%)	12% Lactalbumin (60%), casein (75%)	1.5/0.2	219	134/75
Similac Neocare (Ross) ^e	22	41% Lactose (50%), glucose polymers (50%)	49% MCT oil (25%), LCT oil (75%)	10% Whey (50%), casein (50%)	1.3	59	78/46

(continued)

Table 18. Composition of Infant Formulas (per 50 mL) (continued)

Name (Manufacturer)	Kcal/oz	CHO (% of cal/type)	Fat (% of cal/type)	PRO (% of cal/type)	FE (mg)	VIT D (IU)	mg Ca/mg PO ₄
Special Formulas^f							
Nutramigen (Mead Johnson)	20	54% Modified corn starch, corn syrup solids	35% Corn oil, soy oil	11% Casein hydrolysate and amino acids	1.25	42	63/42
Pregestimil (Mead Johnson)	20	41% Corn syrup solids, modified cornstarch, dextrose	48% MCT oil (60%), corn oil, soy oil, safflower oil	11% Casein hydrolysate, amino acids	1.25	50	63/42
Portagen (Mead Johnson)	20	46% Corn syrup solids, sucrose	75% MCT oil (85%), corn oil, Lecithin	14% Sodium caseinate	1.25	52	63/47
Alimentum (Ross) ^e	20	41% Sucrose, modified tapioca starch	48% MCT oil (50%), safflower oil (75%), soy oil (10%)	11% Casein hydrolysate, amino acids	1.2	30	70/50
Lactofree (Mead Johnson)	20	42% Corn syrup solids	49% Palm olein, soy oil, coconut oil, sunflower oil	9% Cow's milk protein isolate	1.2	75	55/37
Neocate (Scientific Hospital Supplies, Inc.)	20	47% Corn syrup solids, dextrose, maltose, maltotriose, oligosaccharides	41% Hybrid safflower oil, coconut oil, soy oil	12% Synthetic free amino acids	1.2	58	83/62

CHO, carbohydrate; CF, cystic fibrosis; FE, iron; LCT, long-chain triglyceride; MCT, medium-chain triglyceride; PRO, protein.

^aAlso available as 24 kcal/oz and 27 kcal/oz.

^bFormula with a low renal solute load.

^cAlso available as 24 kcal/oz.

^dAlso available as 20 kcal/oz.

^eAvailable only as ready-to-feed.

^fIndications for Special Formulas

Name	Indications
Nutramigen	Cow's milk allergy, severe or multiple food allergies, severe or persistent diarrhea, galactosemia
Pregestimil	Malabsorption, intestinal resection, severe or persistent diarrhea, food allergies
Portagen	Steatorrhea secondary to CF, intestinal resections, pancreatic insufficiency, biliary atresia, lymphatic anomalies, celiac disease
Alimentum	Problems with digestion or absorption, severe or prolonged diarrhea, CF, steatorrhea, food allergies, intestinal resection
Lactofree	Lactose intolerance <i>without</i> cow's milk protein intolerance
Neocate	Cow's milk allergy, soy and protein hydrolysate intolerance, multiple food protein intolerance